

## FY 2020 Aviation Education and Outreach Awards

APPLICANT - PROGRAM NAME	Location	Amount Awarded	Program Short Discription
Alcoa City Schools Career and Technical Education Department	Alcoa, TN	\$23,775.00	The school district plans to continue a system-wide career exploration and training program focused on aviation. They will be partnering with McGhee Tyson airport and local industry, such as Cirrus Aircraft, ProMat, local EAA Chapters, and Standard Aero. The program will include STEM curriculum for higher level students.
Aviation Adventures INC	Jackson, TN	\$4,000.00	Aviation Adventures provides mentors and provides STEM programs emphasizing aviation as a fun way of learning.
Cleveland High School	Cleveland, TN	\$31,134.00	Cleveland is expanding on their aviation pathway program that allows students to aquire various FAA certifications. Students receive dual credit through MTSU in their Intro to Aerospace course, and prepares students to seek post-secondary opportunites in piloting, engineering, mechanics, airport operations, etc. The program goal is to continue with that growth by providing cutting edge technology for the students to use within the classroom, so students are better prepared for post-secondary opportunities available
Elizabethton City School	Elizabethton, TN	\$30,000.00	The school district plans to continue to expand on their aviation cirriculum by adding drones and flight simulation software to both their middle and high school.
Henry County Schools	Paris, TN	\$9,973.00	This project will be a comprehensive introduction to and exploration of different aspects of aviation and flight for students in grades 5 - 12, as well as adults in the community. Units of instruction will include: Rockets and Rocketry, Introduction to Aviation, Aerodynamics and Aircraft Systems, Weather and Aviation, Unmanned Aviation Systems, Careers in the Aviation Industry, Using Aeronautical Charts, Flight School.
Middle Tennessee State University	Murfreesboro, TN	\$20,000.00	MTSU will provide a 3 hour graduate course to Tennessee educators who teach grades K - 12 to promote aviation education. Teachers are given an introduction into the aviation industry, participate in aviation activities, and create lesson plans that can be implemented into the classroom.
Monroe County Schools	Madisonville, TN	\$25,000.00	"Watch Our Dreams Take Flight," is an aviation initiative in Monroe County Schools. The project will introduce STEM related aviation and aerospace programming to approximately 100 students in grades 7 and 8 in five Monroe County Schools and one junior high school in Sweetwater City Schools.
Northeast State Community College	Blountville, TN	\$42,055.00	Funding is for specialized instructional equipment required for the College to secure their FAA Part 147 Airframe and Power Plant Certification for its Aviation Technology Associate Degree program.
Oak Ridge Schools	Oak Ridge, TN	\$5,000.00	The school district has introduced a new Career Exploration in Aviation course at Jefferson Middle School. In this course, students are introduced to a wide variety of career options in the field such as air traffic control, private and commercial airline pilots, craft design, and a wide variety of applications for unmanned aircraft. This course will tie seamlessly into a STEM Engineering, Transportation/Automotive Maintenance, and/or their brand new Navy JROTC program courses.
South Fulton High School STEM Program	South Fulton, TN	\$9,000.00	The goal of this program is to create a sUAS course to train students to not only fly, program, and repair drones, but also train them for the FAA Part 107 test to become a Certified Remote Pilot (Drone Operation Certificate). This program and certification can allow students to qualify for various commercial jobs (agriculture, medical, filming, mining, mapping, law enforcement, military, product delivery, and inspection), as well as prepare them for other technology related careers upon graduating high school.